

AMENDMENTS TO THE CLAIMS:

Claim 1 (currently amended): Polishing slurry for texturing a surface of a magnetic hard disk substrate, said polishing slurry comprising:

abrading particles that are cluster particles with corners comprising monocrystalline diamond particles with diameters in the range of 1-10nm said cluster particles being tasseled assemblies of crystalline particles with no directionality; and

a dispersant for said abrading particles selected from the group consisting of water and water-based aqueous solutions.

Claim 2 (original): The polishing slurry of claim 1 wherein said abrading particles further include coagulated cluster particles inside said dispersant, said coagulated cluster particles being coagulated particles of said cluster particles.

Claim 3 (original): The polishing slurry of claim 1 containing said abrading particles in an amount of 0.01 weight % or greater with respect to the total of said polishing slurry.

Claim 4 (original): The polishing slurry of claim 1 containing said abrading particles in an amount of 0.01-3 weight % with respect to the total of said polishing slurry.

Claim 5 (original): The polishing slurry of claim 1 containing said abrading particles in an amount of 0.01-1 weight % with respect to the total of said polishing slurry.

Claim 6 (original): The polishing slurry of claim 2 containing said abrading particles in an amount of 0.01-1 weight % with respect to the total of said polishing slurry.

Claim 7 (original): The polishing slurry of claim 1 wherein said water-based aqueous solution is an aqueous solution having an additive added to water, said additive being of one or more material selected from the group consisting of non-ionic surfactants,

organic phosphoric acid esters, higher fatty acid amides, glycol compounds, higher fatty acid salts, and anionic surfactants.

Claim 8 (original): The polishing slurry of claim 9 wherein said additive is contained in an amount of 1-10 weight % with respect to the total of said polishing slurry.

Claim 9 (withdrawn): A method of texturing a surface of a magnetic hard disk substrate, said method comprising the steps of:
rotating said magnetic hard disk substrate;
supplying polishing slurry on said surface; and
pressing a polishing tape on said surface and running said polishing tape;
wherein said polishing slurry comprises:
abrading particles with diameters in the range of 1-10nm, selected from the group consisting of monocrystalline diamond particles, polycrystalline diamond particles and cluster particles comprising monocrystalline and polycrystalline diamond particles; and
a dispersant for said abrading particles selected from the group consisting of water and water-based aqueous solutions.

Claim 10 (withdrawn): The method of claim 9 wherein said polishing tape is of a material selected from the group consisting of woven cloth, unwoven cloth, flocked cloth, raised cloth and foamed materials.

Claim 11 (withdrawn): The method of claim 10 wherein said woven cloth, said unwoven cloth and said raised cloth comprise microfibers.

Claim 12 (withdrawn): The method of claim 10 wherein said flocked cloth has microfibers that are planted and said raised cloth has microfibers that are raised.

Claim 13 (withdrawn): The method of claim 11 wherein said microfibers have a width in the range of 0.1-5 μ m.

Claim 14 (withdrawn): The method of claim 12 wherein said microfibers have a width in the range of 0.1-5 μ m.

Claim 15 (withdrawn): The method of claim 10 wherein said foamed material has a surface with indentations formed by air bubbles, said indentations have diameters in the range of 0.1-5 μ m.

Claim 16 (new): The polishing slurry of claim 1 wherein said cluster particles are obtained by an explosion-synthesis method.